



<b>Form PTO-1449 Modified</b>  List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office		Docket No. CELL-0307/PA534-USw01	Application No. 10/562,807
		Applicant David Paul Humphreys, et al.	
		Filing Date July 6, 2006	Group Not Yet Assigned
		Confirmation No. 6569	
<b>NON-PATENT DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
1	Begg, et al., "Mass spectrometry detection and reduction of disulfide adducts between reducing agents and recombinant proteins with highly reactive cysteines," <i>J. of Biomolecular Techniques</i> , <b>1999</b> , 10, 17-20		
2	Bird, R.E., et al., "Single-chain antigen-binding proteins," <i>Science</i> , <b>1988</b> , 242, 423		
3	Burns, J., et al., "Selective reduction of disulfides by tris(2-carboxyethyl)phosphine," <i>J. Org. Chem.</i> , <b>1991</b> , 56, 2648-2650		
4	Chapman, A.P., et al., "Therapeutic antibody fragments with prolonged in vivo half-lives," <i>Nature Biotechnology</i> , <b>1999</b> , 17, 780-783		
5	Chapman, A.P., et al., "PEGylated antibodies and antibody fragments for improved therapy: a review," <i>Advanced Drug Delivery Reviews</i> , <b>2002</b> , 54, 531-545		
6	Dubowchik, G.M., et al., "Receptor-mediated and enzyme-dependent targeting of cytotoxic anticancer drugs," <i>Pharmacology and Therapeutics</i> , <b>1999</b> , 83, 67-123		
7	Ellison, D., et al., "Photoreduction of monoclonal antibodies for conjugation and fragmentation," <i>Biotechniques</i> , <b>2000</b> , 28(2), 324-326		
8	Getz, E.B., et al., "A comparison between the sulfhydryl reductants tris(2-carboxyethyl)phosphine and dithiothreitol for use in protein biochemistry," <i>Analytical Biochemistry</i> , <b>1999</b> , 273, 73-80		
9	Han, J.C., et al., "A procedure for quantitative determination of Tris(2-carboxyethyl)phosphine, an odorless reducing agent more stable and effective than dithiothreitol," <i>Analytical Biochemistry</i> , <b>1994</b> , 220, 5-10		
10	Hellstrom, K.E., et al., "Antibodies for drug delivery," <i>Controlled Drug Delivery</i> , 2 <sup>nd</sup> Ed., Robinson, et al. (Eds.), <b>1987</b> , 623-653		
11	Humphreys, D.P., et al., "Formation of dimeric fabs in <i>Escherichia coli</i> : effect of hinge size and isotype, presence of interchain disulphide bond, Fab' expression levels, tail piece sequences and growth conditions," <i>J. of Immunological Methods</i> , <b>1997</b> , 209, 193-202		

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	<b>12</b>	Humphreys, D.P., et al., "A plasmid system for optimization of Fab' production in <i>Escherichia coli</i> : importance of balance of heavy chain and light chain synthesis," <i>Protein Expression and Purification</i> , <b>2002</b> , 26, 309-320
	<b>13</b>	Humphreys, D.P., et al., "Efficient site specific removal of a C-terminal FLAG fusion from a Fab' using copper (II) ion catalysed protein cleavage," <i>Protein Engineering</i> , <b>1999</b> , 2, 179-184
	<b>14</b>	Leach, S.J., et al., "The electrolytic reduction of proteins," <i>Div. Protein Chem.</i> , <b>1965</b> , 4, 23-27
	<b>15</b>	Leong, S.R., et al., "Adapting pharmacokinetic properties of a humanized anti-interleukin-8 antibody for therapeutic applications using site-specific pegylation," <i>Cytokine</i> , <b>2001</b> , 16, 106-119
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	<b>18</b>	Orlandi, R., et al., "Cloning immunoglobulin variable domains for expression by the polymerase chain reaction," <i>Proc. Natl. Acad. Sci. USA</i> , <b>1989</b> , 86, 3833-3837
	<b>19</b>	Riechmann, L., et al., "Reshaping human antibodies for therapy," <i>Nature</i> , <b>1988</b> , 322, 323
	<b>20</b>	Rodrigues, M.L., et al., "Engineering Fab' fragments for efficient F(ab) <sub>2</sub> formation in <i>Escherichia coli</i> and for improved in vivo stability," <i>The Journal of Immunology</i> , <b>1993</b> , 151, 6954-6961
	<b>21</b>	Rüegg, U.T., et al., "Reduction cleavage of cystine disulfides with tributylphosphine," <i>Methods in Enzymology</i> , <b>1977</b> , 47, 111-126
	<b>22</b>	Seitz, U., et al., "Preparation and evaluation of the rhenium-188-labelled anti-NCA antigen monoclonal antibody BW 250/183," <i>Euro. J. Nuclear Medicine</i> , <b>1999</b> , 26, 1265-1273
	<b>23</b>	Singh, R., et al., "Reagents for rapid reduction of disulfide bonds," <i>Methods in Enzymology</i> , <b>1995</b> , 251, 167-173
	<b>24</b>	Thorpe, P.E., et al., "The preparation and cytotoxic properties of antibody-toxin conjugates," <i>Immunol. Rev.</i> , <b>1982</b> , 62, 119-158

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	25	Verma, R., et al., "Antibody engineering: comparison of bacterial, yeast, insect and mammalian expression systems," <i>J. of Immunological Methods</i> , 1998, 216, 165-181	
	26	Ward, E., et al., "Binding activities of a repertoire of single immunoglobulin variable domains secreted from <i>Escherichia coli</i> ," <i>Nature</i> , 1989, 341, 544-546	

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### FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO
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	46	3 927 45 B1	11/02/94	EP		

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